

A. Equipment to be supplied by MD-S.H.A. and installed by Contractor.

Item No.	Quantity	Units	Description
9076	1	EA	Cabinet "G" type pole mount.
9087	1	EA	Controller ASC II with telemetry.
9089	43.5	SF	Sheet aluminum sign (BK/WH) with pole mounting hardware. [2 each 36 in. x 72 in. S-5-1] [2 each 36 in. x 15 in. S-4-4(5)]
9089	10	SF	Sheet aluminum sign (BK/WH) for ground mounting. [2 each 24 in. x 30 in. S-5-2]
9089	17.5	SF	Sheet aluminum sign (BK/FYG) for ground mounting. [2 each 30 in. x 42 in. S-1-1(11)]
9092	1	SF	Intersection monitor with battery back-up.

B. Equipment to be furnished and/or installed by the Contractor.

Item No.	Quantity	Units	Description
1001	1	EA	Maintenance of traffic.
2001	1	CY	Test pit excavation.
8001	.75	CY	Concrete foundation for signal equipment.
8003	1	EA	20 ft. pedestal pole on break away transformer base.
8006	1	EA	Cut, clean, galvanize, and cap traffic signal structure.
8019	1	EA	Install cabinet and controller pole mount.
8024	20	LF	2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
8027	10	LF	3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
8033	1	EA	Electrical handhole.
8034	1	EA	Ground rod $\frac{3}{4}$ in. diameter x 10 ft. length.
8042	35	LF	2-conductor electrical cable (No. 14 A.W.G.).
8048	10	LF	Bare copper stranded ground wire (6 A.W.G.)
8049	270	LF	Electrical cable - 1 - conductor (No. 4 A.W.G.) THHN/THWN.
8050	60	LF	4 in. x 4 in. wood sign support.
8052	71	SF	Install ground mounted sign.
8060	1	EA	Remove/dispose of existing material/equipment per assignment.
8066	1	EA	Control and distribution equipment (120/240 V, one phase, three wire system) for a type T-3 underground electrical service.
8069	1	EA	Photocell
8084	2	EA	12 in. black faced vehicular traffic signal head section with pole mounting hardware.

## CONTACT LIST

The contact persons for District #7 are as follows:

Mr. Robert Fisher  
District Engineer  
301-624-8101

Mr. John Concannon  
Assistant District Engineer - Traffic  
301-624-8140

Mr. Jim Buckalew  
Assistant District Engineer - Utility  
301-624-8115

Mr. Dave Coyne  
Assistant District Engineer - Maintenance  
301-624-8105

Mr. Richard L. Daff  
Chief, Traffic Operations Division  
410-787-7630

The Power Company Representative is:  
Baltimore Gas Electric Company  
410-859-9030



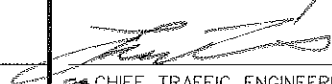
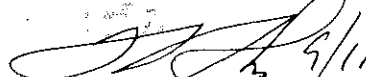
EXISTING GEOMETRICS  
PROPOSED GEOMETRICS

_____ G _____	GAS MAIN
_____ W _____	WATER MAIN
_____ S _____	SEWER MAIN
_____ E _____	ELECTRIC CABLES
_____ D _____	STORM DRAIN
_____ A _____	AERIAL CABLES
_____ T _____	TELEPHONE CABLES


## NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
2. Pavement markings are to be considered as existing.
3. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.



REVISIONS	APPROVALS
	 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 9/18/00
	 ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 9/25/00
	 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 9/28/00
	 DIRECTOR, TRAFFIC & SAFETY 9/11



 MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
*Office of Traffic & Safety*  
TRAFFIC ENGINEERING DESIGN DIVISION  
(School Beacon Plan)

MD 97 at Charles Carroll Elementary School

DRAWN BY: J. Dirndorfer  
CHECKED BY: \_\_\_\_\_  
SCALE: 1" = 40'  
DATE: September 5, 2000

F.A.P. NO.	AC-STPG-000S(684)B
S.H.A. NO.	CL845A52/CL845
COUNTY:	Carroll
LOG MILE:	06009723.75

TS NO. 4025	SHEET NO. 1 OF 1
T.I.M.S. NO. E-103	